

**AMENDMENTS TO THE CLAIMS**

1-11. (Canceled)

12. (Currently amended) ~~[[The]]~~ A recording medium ~~according to claim 11,~~  
characterized in that a track is divided into a first area that is continuously wobbled by a first wobble of a specific carrier wave cycle, and a second area that is wobbled by a second wobble that has a cycle different from said first wobble and a phase determined in response to data 0 and data 1 of information stored by a wobble, and wherein a third area containing a third wobble is formed, the third wobble being distinguishable from said first wobble and said second wobble, and wherein said first area is arranged immediately before said third area, and wherein a length of the first area arranged immediately before said third area is equal to or more than five times the carrier wave cycle.

13. (Canceled)

14. (Currently amended) ~~[[The]]~~ A recording medium ~~according to claim 13,~~  
characterized in that a track is divided into a first area that is continuously wobbled by a first wobble of a specific carrier wave cycle, and a second area that is wobbled by a second wobble that has a cycle different from said first wobble and a phase determined in response to data 0 and data 1 of information stored by a wobble, and wherein a third area containing a third wobble is formed, the third wobble being distinguishable from said first wobble and said second wobble, and wherein said third area is arranged at a fixed interval, and said second area is arranged intermittently and adjacent to said third area, and wherein a length of the third area located adjacent to said second area and a length of the third wobble of the third area arranged independently and separately from the second area are different.

15-19. (Canceled)

20. (Currently amended) ~~[[The]]~~ A recording medium according to claim 19,  
characterized in that a track is divided into a first area continuously wobbled by a first wobble of a  
specific carrier wave wobble, a third area containing a third wobble that has the same cycle as said  
first wobble and has a phase different from said first wobble by 180 degrees, the third area having a  
length four times said specific carrier wave cycle, and a second area including a second wobble  
having a twice cycle and a twice length of said specific carrier wave and assigned to phases  
different by 180 degrees, respectively, in response to data 0 and data 1 of information stored by a  
wobble, wherein said third area is arranged immediately before or adjacent to said second area, and  
wherein a number of wobbles between said third areas is equal to or greater than 60 on the basis of  
the carrier wave as a reference.

21. (Canceled)

22. (Currently amended) ~~[[The]]~~ A recording medium according to claim 21,  
characterized in that a track is divided into a first area continuously wobbled by a first wobble of a  
specific carrier wave wobble, a third area containing a third wobble that has the same cycle as said  
first wobble and has a phase different from said first wobble by 180 degrees, the third area having a  
length four times said specific carrier wave cycle, and a second area including a second wobble  
having a twice cycle and a twice length of said specific carrier wave, a relative generating position  
thereof being a position distant by twice the carrier wave cycle, the second wobble being assigned to  
phases different by 180 degrees, respectively, in response to data 0 and data 1 of information stored  
by a wobble, wherein said third area is arranged immediately before or adjacent to said second area,  
and wherein a number of wobbles between said third areas is equal to or greater than 80 on the basis  
of the carrier wave as a reference.

23. (Currently amended) ~~[[The]]~~ A recording medium according to claim 19,  
characterized in that a track is divided into a first area continuously wobbled by a first wobble of a

specific carrier wave wobble, a third area containing a third wobble that has the same cycle as said first wobble and has a phase different from said first wobble by 180 degrees, the third area having a length four times said specific carrier wave cycle, and a second area including a second wobble having a twice cycle and a twice length of said specific carrier wave and assigned to phases different by 180 degrees, respectively, in response to data 0 and data 1 of information stored by a wobble, wherein said third area is arranged immediately before or adjacent to said second area, and wherein the third wobble of said third area has a one-cycle length or four-cycle length of said specific carrier wave period, and the third wobble of said third area arranged immediately before or adjacent to said second area has said one-cycle length and others have said four-cycle length.

24-37. (Canceled)